



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Akihiko YANAGA : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2004_1613A
Filed October 13, 2004 :

COPY

ELECTROCARDIOGRAPH
[Corresponding to PCT/JP03/03674
Filed March 26, 2003]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicant requests consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication (*for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003*),
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. [X] This Information Disclosure Statement is submitted:

ATTACHMENT D

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or


b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification

after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Akihiko YANAGA

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October 13, 2004

INFORMATION DISCLOSURE STATEMENT

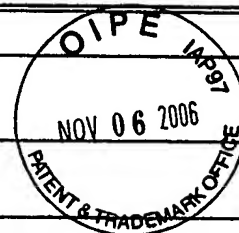
FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: October 13, 2004

ATTY DOCKET NO.
2004_1613ASERIAL NO.
NEWAPPLICANT
Akihiko YANAGAFILING DATE
October 13, 2004

GROUP



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ	60-114234	6/1985	JP				
	AK	2001-269322	10/2001	JP				
	AL	62-112529	5/1987	JP			Abstract	
	AM							
	AN							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/03674

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61B5/0404

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61B5/0404

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003

Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 60-114234 A (Jean Francois FOURNIAL), 20 June, 1985 (20.06.85), Full text; all drawings & FR 2554704 A1 & EP 147253 A1 & US 4635646 A & ES 537236 A & CA 1263709 A & DE 3481271 C	1, 4, 7, 10 2, 3, 5, 6, 8, 9, 11
Y A	JP 2001-269322 A (Hiroshi MATSUMOTO), 02 October, 2001 (02.10.01), Full text; all drawings (Family: none)	1, 4, 7, 10 2, 3, 5, 6, 8, 9, 11
Y A	JP 62-112529 A (Kabushiki Kaisha Medic Inter- national), 23 May, 1987 (23.05.87), Full text; all drawings (Family: none)	1, 4, 7, 10 2, 3, 5, 6, 8, 9, 11

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
07 May, 2003 (07.05.03)Date of mailing of the international search report
20 May, 2003 (20.05.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.



10/510985

ATTY DOCKET #: 2004_1613A

Due Date: October 16, 2004

OUR REF: 2004_1613A/CRW/00203

Applicant: Akihiko YANAGA

Serial No.: NEW

Filing Date: October 13, 2004

Title: ELECTROCARDIOGRAPH

Receipt of the following papers is acknowledged:

NEW - NATIONAL STAGE OF PCT APPLN. PCT/JP03/03674: Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. §371 with Check for \$515.00; Attachment A - Form PCT/IB/308; Attachment B - English Translation of PCT Application including specification, claims and abstract (14 pages) and 4 pages of drawings (A4P; Figs. 1a-4b); Attachment C - executed Declaration and Power of Attorney; Attachment D - Information Disclosure Statement with Form PTO-1449, International Search Report and 3 references; Attachment E - Assignment with Form PTO-1595; Attachment F - Claim of Priority with Notification Concerning Submission or Transmittal of Priority Document

Date: October 13, 2004

Attorney: CRW/asd

DT14 Rec'd PCT/PTO

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